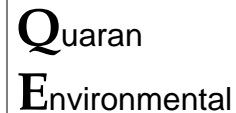


RDCO Area “East”
Liquid Waste Management Plan
Options

Public Information Meetings Sep 30 and Oct 1, 2008

Tim Forty, P.Eng., Quaran Environmental
Jan Enns, MA, Jan Enns Communications



Options NOT Supported

By

The Advisory Committee

Option 5: Sunset Ranch

Cost: \$5,720,000 (\$1,110* + O&M \$360 / lot / yr)

Long term

- ♦ Sunset Ranch area sewer service and treatment plant provided by RDCO

Not Economically Practical

Operating and maintenance costs will increase from the current \$26.52/mo (~\$320/yr) charged by the City to about \$30/mo (\$360/yr) as the new plant will be smaller

Note: Total cost increase is \$1,150 /lot / yr with no benefit for the Sunset Ranch residents, they would lose \$4,675 connection fee per lot already paid to City and Grants for the new system are very unlikely*

Option 6: Sunset Ranch

Cost: \$6,578,000 (\$1,270* + O&M \$360 / lot / yr)

Long term

- ♦ Sunset Ranch area sewer service & treatment plant provided by private company

Not Economically Practical

Note: Total cost increase ~\$1,320 /lot / yr with no benefit for the Sunset Ranch residents, they would lose \$4,675 connection fee per lot already paid to City and private systems are ineligible for Grants* or MFA loans

Option 8: Scotty Creek

Cost: \$8,376,000 (\$2,430* + O&M \$360 /lot / yr)

Long term

- ♦ Scotty Creek could have sewer service and treatment plant provided by the RDCO

Not Economically Practical

Note: Total cost ~\$2,790 /lot/yr. for 20 yrs. As there is a much lower cost option available grant funding is very unlikely*. Eligible for MFA loans

Option 9: Scotty Creek

Cost: \$9,630,000 (\$2,800* + O&M \$360 /lot / yr)

Long term

- ♦ Scotty Creek could have sewer service and treatment plant provided by a private sewage system owner / operator

Not Economically Practical

Note: Total cost ~\$3,160 /lot / yr. for 20 years. Private systems are ineligible for Grants* or MFA loans

Option 11: Ranch Park Mobile Home Park

Cost: \$1,795,000 (\$2,060* + O&M \$360 / pad / yr)

Long term

- ♦ Ranch Park area sewer service & treatment plant provided by RDCO

Not Economically Practical

Note: Total cost ~\$2,420 / pad / yr., suitable land may be difficult to procure, there is a much lower cost option available so grant funding is unlikely*, ineligible for collection system grants. Eligible for MFA loan

Option 12: Ranch Park Mobile Home Park

Cost: \$2,065,000 (\$2,210* + O&M \$360 / pad / yr)

Long term

- ♦ Ranch Park area sewer service & treatment plant provided by a private sewage system owner / operator or do it themselves

Not Economically Practical

Note: Total cost \$2,570 per pad/yr. for 20 yrs, much lower cost option available, private systems are ineligible for Grants* or MFA loans, suitable land may be difficult to procure

Option 12b: Country Lane

Cost: \$1,050,000 (\$1,830* + O&M \$360/unit/yr)

Long term

- ♦ Country Lane area sewer service & treatment plant provided by RDCO

Not Economically Practical

Note: Total cost ~\$2,190 /unit/ yr., suitable land may be difficult to procure, there is a much lower cost option available so grant funding is unlikely*, ineligible for collection system grants. Eligible for MFA loan

Option 12c: Country Lane

Cost: \$1,210,000 (\$2,110* + O&M \$360/unit/yr)

Long term

- ♦ Country Lane area sewer service & treatment plant provided by a private sewage system owner /operator

Not Economically Practical

Note: Total cost \$2,470 per pad/yr. for 20 yrs, much lower cost option available, private systems are ineligible for Grants* or MFA loans, suitable land may be difficult to procure

Option 14: Country View

Cost: \$3,232,000 (\$2,790 + O&M \$360 / lot / yr)*

Long term

- ♦ Country View area sewer service & treatment plant provided by RDCO

Not Economically Practical

Note: This option was discounted due to extreme cost as the total cost to connect to the City would be only \$1,230,000

Option 15: Country View

Cost: \$3,603,000 (\$3,110* + O&M \$360 / lot / yr)*

Long term

- ♦ Country View area sewer service & treatment plant provided by a private sewage system owner / operator

Not Economically Practical

Note: This option was discounted due to extreme cost as the total cost to connect to the City would be only \$1,230,000

Option 16a: Falconridge

Cost: \$3,770,000 (\$6,320* + O&M \$360 / lot / yr)

Very Long term

- ♦ Falconridge area sewer service & sewage treatment plant provided by RDCO

Not Economically Practical

Note: Total cost \$72,500 / lot or ~\$6,680/lot / yr., suitable land may be difficult to procure, there is a lower cost option available so grant funding is unlikely*. Eligible for MFA loans

Option 17a: Greystokes / Dion Road Area

Cost: \$2,080,000 (\$8,240* + O&M \$360 / lot / yr)

Very Long term

- ♦ Greystokes / Dion Road area sewer service & sewage treatment plant provided by RDCO

Not Economically Practical

Note: Total cost \$94,500 / lot or ~\$8,600 /lot / yr., suitable land may be difficult to procure, there is a lower cost option available so grant funding is unlikely*. Eligible for MFA loans

Option 22: Southern Tip of Lakeside Road

Cost: Unknown but very high

Very Long term

- ♦ Residents could petition the City of Kelowna for sewer service

Not Economically Practical at this time

Note: No known issues. No need for a sewer system unless small lot subdivision should occur. Connection to City not practical at this time as city sewers are many kilometres away